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EXAMINER

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/619,346	<b>Applicant(s)</b> SHORTER, GARY T.	
	<b>Examiner</b> Patrick A. Darno	<b>Art Unit</b> 2163	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 14 July 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

1. Claims 1-40 are pending in this office action.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 6-13, 21-23, and 26-33 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication Number 2002/00466103 issued to Joseph P. Rudolph (hereinafter "Rudolph").

#### **Claim 1:**

Rudolph teaches a document delivery system comprising:

a hand-held terminal device including data input means and display means

(Rudolph: paragraph [0026], lines 3-11 and Fig. 3, 30);

a searchable document data base hosted by a computer remote from the terminal device (Rudolph: paragraph [0024], lines 3-12 and Fig. 1, 10; Note that the documents stored in the document database are referred to as packets. However, it is clearly stated in the reference given here that these packets include text documents, graphics files, and other data. Further, in Rudolph: paragraph [0029], lines 4-6 it is explicitly stated that the packets can also be coupons.);

a communication channel coupling the terminal device to the remote computer

(Rudolph: paragraph [0025] and paragraph [0030]);

means, responsive to search criteria supplied by a user as data input through the terminal device, for searching the document data base and retrieving one or more documents satisfying the search criteria (Rudolph: paragraph [0041], lines 1-8 and 13-16; Lines 1-8 describe a user navigating a tree structured menu of coupons using the hand-held device. Lines 12-16 describe searching the coupons in the database based on names of individual vendors. This second reference is the example given by the applicant in paragraph [0024] of the applicant's specification.);

means for selecting one or more documents to be delivered from among the documents satisfying the search criteria (Rudolph: paragraph [0026], lines 6-9 and paragraph [0031] and paragraph [0034]);

means for specifying a delivery destination for the one or more documents selected (Rudolph: paragraphs [0044] and [0045]; These two paragraphs state sending a sending packets (documents) to a remote printer so the document can be printed.); and

means for providing a physical copy of the document at the delivery destination (Rudolph: paragraphs [0044] and [0045]; Again these paragraphs show sending the document to a remote printer so that the document can be printed. Paragraph [0044] also suggests printers in a store remote from the hand-held device for printing coupons for the user of the hand-held device in paragraph [0044], lines 5-8).

**Claim 2:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein the hand-held terminal device comprises a hand-held wireless data terminal (Rudolph: paragraphs [0030] and [0045]).

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**Claim 3:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein at least a portion of the documents in the searchable document data base comprises merchant coupons (Rudolph: paragraph [0029], lines 3-6).

**Claim 6:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein the means for searching the document data base comprises a data base application computer program that responds to user-supplied search criteria and provides result indicia including at least an identifying characteristic for each document retrieved that satisfies the criteria (Rudolph: paragraph [0041], lines 1-16; Note that the searching can be done in two different ways. The user can either navigate through a tree structure or search by vendor name. Both of those search methods require user input and both provide results for the search. Further it is noted on paragraph [0041], line 8 that a program on the hand-held unit carries out these activities.).

**Claim 7:**

Rudolph teaches all the elements of claim 6, as noted above, and Rudolph further teaches wherein the identifying characteristics comprises at least a portion of the document contents (Rudolph: paragraph [0033], lines 7-9; A portion of the document contents is the document image (or graphic). And this reference shows that the document image is returned to the user on the hand-held device. The user can then identify the document based on the image.).

**Claim 8:**

Rudolph teaches all the elements of claim 6, as noted above, and Rudolph further teaches wherein the result indicia comprises at least a partial image of each document retrieved (Rudolph: paragraph [0033], lines 5-9).

**Claim 9:**

Rudolph teaches all the elements of claim 6, as noted above, and Rudolph further teaches wherein the means for selecting one or more documents comprises highlighting one or more of the result indicia to select one or more documents represented by the result indicia using the data input means of the terminal device (Rudolph: paragraph [0026], lines 3-11; Note specifically that the hand-held device has two buttons for scrolling through a list of results from the database and another button for selecting one of the results from the database. In order to separate one record from the list that is being scrolled through, some form of highlighting must be used in order to make the record that will be selected by pressing the select key noticeably different from records in the database list that will not be selected.).

**Claim 10:**

Rudolph teaches all the elements of claim 6, as noted above, and Rudolph further teaches wherein the means for specifying a delivery destination comprises selecting a delivery destination option using the data input means of the terminal device after selecting among the result indicia (Rudolph: paragraph [0044], lines 1-8; The delivery destination is the printer. Note that there are **printers** (the word is plural meaning more than one printer is available in the store) located at different locations in a store. After selecting a coupon the user then prints it to one of the printers. Therefore the user must have some means for selecting which printer to print the coupon to.).

**Claim 11:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein an editable default delivery destination is associated with each document (Rudolph: paragraph [0045], lines 1-7; Note that the delivery destination of each document can be changed to a location remote from the printer.).

**Claim 12:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein the means for providing a physical copy of the document at the delivery destination comprises a printing device at a location remote from the hand-held terminal device (Rudolph: paragraph [0045], lines 1-7; Note specifically “transmit a selected data packet to a printer which is remote from the hand held unit”. The data packet is a coupon.).

**Claim 13:**

Rudolph teaches all the elements of claim 1, as noted above, and Rudolph further teaches wherein the means for providing a physical copy of the document at the delivery destination comprises a printing device associated with the hand-held terminal device (Rudolph: paragraph [0028], lines 1-4 and Fig. 5).

**Claim 21:**

Claim 21 is a method claim corresponding to system claim 1 and is rejected under the same reasons set forth in the rejection of claim 1.

**Claim 22:**

Claim 22 is a method claim corresponding to system claim 2 and is rejected under the same reasons set forth in the rejection of claim 2.

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**Claim 23:**

Claim 23 is a method claim corresponding to system claim 3 and is rejected under the same reasons set forth in the rejection of claim 3.

**Claim 26:**

Claim 26 is a method claim corresponding to system claim 6 and is rejected under the same reasons set forth in the rejection of claim 6.

**Claim 27:**

Claim 27 is a method claim corresponding to system claim 7 and is rejected under the same reasons set forth in the rejection of claim 7.

**Claim 28:**

Claim 28 is a method claim corresponding to system claim 8 and is rejected under the same reasons set forth in the rejection of claim 8.

**Claim 29:**

Claim 29 is a method claim corresponding to system claim 9 and is rejected under the same reasons set forth in the rejection of claim 9.

**Claim 30:**

Claim 30 is a method claim corresponding to system claim 10 and is rejected under the same reasons set forth in the rejection of claim 10.

**Claim 31:**

Claim 31 is a method claim corresponding to system claim 11 and is rejected under the same reasons set forth in the rejection of claim 11.



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**Claim 32:**

Claim 32 is a method claim corresponding to system claim 12 and is rejected under the same reasons set forth in the rejection of claim 12.

**Claim 33:**

Claim 33 is a method claim corresponding to system claim 13 and is rejected under the same reasons set forth in the rejection of claim 13.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 4-5, 14, 16-20, 24-25, 34, and 36-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rudolph in further view of U.S. Patent Application Publication Number 2003/0041304 issued to Kenichi Numata et al. (hereinafter "Numata").

**Claim 4:**

Rudolph discloses all the elements of claim 1, as noted above, but Rudolph does not explicitly disclose wherein the searchable document data base further comprises searchable document records, each document record including searchable information fields containing document attributes. However, Numata discloses wherein the searchable document data base further comprises searchable document records

(Numata: paragraph [0005], lines 3-6), each document record including searchable information fields containing document attributes (Numata: paragraph [0005], lines 6-10).

It would have been obvious for one ordinary skill in the art at the time the invention was made to modify the teachings of Rudolph with the teachings of Numata noted above for the purpose of storing document information in a relational database (Numata: paragraph [0009], lines 1-7). The skilled artisan would have been motivated to improve the teachings of Rudolph per the above such that the relational database would allow for searches by document attribute information to be carried out at a high speed (Numata: paragraph [0009], lines 7-9).

**Claim 5:**

The combination of Rudolph and Numata discloses all the elements of claim 4, as noted above, and Rudolph further discloses wherein the searchable document data base further includes an image of each document, associated with the corresponding document record (Rudolph: paragraph [0033], lines 1-5), wherein each such image is suitable for document delivery (Rudolph: paragraph [0033], lines 5-9; Note that the graphic is referred to as a “transmitted pixel pattern”. This is because the graphic is in the packet at the central server and is transmitted (delivered) to the hand-held device.).

**Claim 14:**

Rudolph discloses a document delivery system comprising:  
a hand-held wireless data terminal having data input and information display capability (Rudolph: paragraph [0026], lines 3-11 and Fig. 3, 30);

a searchable document data base hosted by a computer remote from the data terminal (Rudolph: paragraph [0024], lines 3-12 and Fig. 1, 10; Note that the documents stored in the document database are referred to as packets. However, it is clearly stated in the reference given here that these packets include text documents, graphics files, and other data. Further, in Rudolph: paragraph [0029], lines 4-6 it is explicitly stated that the packets can also be coupons.), and the document data base further including an image of each document associated with the corresponding document record (Rudolph: paragraph [0033], lines 1-5), wherein each such image is suitable for document delivery (Rudolph: paragraph [0033], lines 5-9; Note that the graphic is referred to as a “transmitted pixel pattern”. This is because the graphic is in the packet at the central server and is transmitted (delivered) to the hand-held device.);

a radio frequency communication channel coupling the data terminal to the remote computer (Rudolph: paragraph [0025] and paragraph [0030]), wherein the remote computer is accessible through an extranet protocol requiring secure login (Rudolph: paragraph [0039], lines 4-7);

a data base application computer program that searches the document data base in response to user-supplied search criteria entered through the data terminal, retrieves all documents satisfying the search criteria (Rudolph: paragraph [0041], lines 1-8 and 13-16; Lines 1-8 describe a user navigating a tree structured menu of coupons using the hand-held device. Lines 12-16 describe searching the coupons in the database based on names of individual vendors. This second reference is the example given by the applicant in paragraph [0024] of the applicant’s specification.), and provides result indicia including at least an identifying characteristic for each retrieved document utilizing the information display capability of the data terminal (Rudolph: paragraph [0041], lines 1-16; Note that the searching can be done in two different ways. The

user can either navigate through a tree structure or search by vendor name. Both of those search methods require user input and both provide results for the search. Further it is noted on paragraph [0041], line 8 that a program on the hand-held unit carries out these activities.);

an application computer program resident on the data terminal that interacts with the data base application computer program and provides the user with the capability of highlighting one or more of the result indicia to select one or more documents represented by the result indicia using the data input capability of the data terminal (Rudolph: paragraph [0026], lines 3-11; Note specifically that the hand-held device has two buttons for scrolling through a list of results from the database and another button for selecting one of the results from the database. In order to separate one record from the list that is being scrolled through, some form of highlighting must be used in order to make the record that will be selected by pressing the select key noticeably different from records in the database list that will not be selected.);

a data input application computer program resident on the data terminal that allows the user to select a delivery destination option for a selected document using the data input capability of the data terminal by editing, if desired, a default delivery destination associated with the selected document (Rudolph: paragraph [0045], lines 1-7; Note that the delivery destination of each document can be changed to a location remote from the printer.); and

a printing device that provides a physical copy of the document at the selected delivery destination (Rudolph: paragraphs [0044] and [0045]; Again these paragraphs show sending the document to a remote printer so that the document can be printed. Paragraph [0044] also suggests printers in a store remote from the hand-held device for printing coupons for the user of the hand-held device in paragraph [0044], lines 5-8).

Rudolph does not explicitly disclose wherein the searchable document data base including searchable document records, each document record including searchable information fields containing document attributes. However, Numata discloses wherein the searchable document data base including searchable document records (Numata: paragraph [0005], lines 3-6), each document record including searchable information fields containing document attributes (Numata: paragraph [0005], lines 6-10).

It would have been obvious for one ordinary skill in the art at the time the invention was made to modify the teachings of Rudolph with the teachings of Numata noted above for the purpose of storing document information in a relational database (Numata: paragraph [0009], lines 1-7). The skilled artisan would have been motivated to improve the teachings of Rudolph per the above such that the relational database would allow for searches by document attribute information to be carried out at a high speed (Numata: paragraph [0009], lines 7-9).

**Claim 16:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, and Rudolph further discloses wherein at least a portion of the documents in the searchable document data base comprises merchant coupons (Rudolph: paragraph [0029], lines 3-6).

**Claim 17:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, and Rudolph further discloses wherein the identifying characteristic comprises at least a portion of the document contents (Rudolph: paragraph [0033], lines 7-9;

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A portion of the document contents is the document image (or graphic). And this reference shows that the document image is returned to the user on the hand-held device. The user can then identify the document based on the image.).

**Claim 18:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, and Rudolph further discloses wherein the result indicia comprises at least a partial image of each document retrieved (Rudolph: paragraph [0033], lines 5-9).

**Claim 19:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, and Rudolph further discloses wherein the printing device is located remotely from the hand-held wireless data terminal (Rudolph: paragraph [0045], lines 1-7; Note specifically “transmit a selected data packet to a printer which is remote from the hand held unit”. The data packet is a coupon.).

**Claim 20:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, and Rudolph further discloses wherein the printing device comprises a printer associated with the hand-held wireless data terminal (Rudolph: paragraph [0028], lines 1-4 and Fig. 5).

**Claim 24:**

Claim 24 is a method claim corresponding to system claim 4 and is rejected under the same reasons set forth in the rejection of claim 4.

**Claim 25:**

Claim 25 is a method claim corresponding to system claim 5 and is rejected under the same reasons set forth in the rejection of claim 5.

**Claim 34:**

Rudolph discloses a method for document search, retrieval, and delivery, the method comprising the steps of:

(a) providing a hand-held wireless data terminal having data input and information display capability (Rudolph: paragraph [0026], lines 3-11 and Fig. 3, 30);

(b) providing a searchable document data base hosted by a computer remote from the data terminal (Rudolph: paragraph [0024], lines 3-12 and Fig. 1, 10; Note that the documents stored in the document database are referred to as packets. However, it is clearly stated in the reference given here that these packets include text documents, graphics files, and other data. Further, in Rudolph: paragraph [0029], lines 4-6 it is explicitly stated that the packets can also be coupons.), and the document data base further including an image of each document, associated with the corresponding document record (Rudolph: paragraph [0033], lines 1-5), wherein each such image is suitable for document delivery (Rudolph: paragraph [0033], lines 5-9; Note that the graphic is referred to as a “transmitted pixel pattern”. This is because the graphic is in the packet at the central server and is transmitted (delivered) to the hand-held device.);

(c) providing a radio frequency communication channel coupling the data terminal to the remote computer (Rudolph: paragraph [0025] and paragraph [0030]), wherein the remote computer is accessible through an extranet protocol requiring secure login (Rudolph: paragraph [0039], lines 4-7);

(d) searching the document data base via a data base application computer program that searches the document data base in response to user-supplied search criteria entered through the data terminal (Rudolph: paragraph [0041], lines 1-8 and 13-16; Lines 1-8 describe a user navigating a tree structured menu of coupons using the hand-held device. Lines 12-16 describe searching the coupons in the database based on names of individual vendors. This second reference is the example given by the applicant in paragraph [0024] of the applicant's specification.);

(e) retrieving at least a portion of the documents satisfying the search criteria (Rudolph: paragraph [0041], lines 1-8; When the user selects HARDWARE, TOOLS, SMALL ELECTRIC (as shown in the example in paragraph [0041]), all results for coupons for small electric tools will be returned.);

(f) providing result indicia including at least an identifying characteristic for each retrieved document utilizing the information display capability of the data terminal (Rudolph: paragraph [0041], lines 1-16; Note that the searching can be done in two different ways. The user can either navigate through a tree structure or search by vendor name. Both of those search methods require user input and both provide results for the search. Further it is noted on paragraph [0041], line 8 that a program on the hand-held unit carries out these activities.);

(g) selecting one or more documents represented by the result indicia by highlighting one or more of the result indicia using the data input capability of the data terminal via an application computer program resident on the data terminal that interacts with the data base application computer program (Rudolph: paragraph [0026], lines 3-11; Note specifically that the hand-held device has two buttons for scrolling through a list of results from the database and another button for selecting one of the results from the database. In order to separate one record from the list that is being scrolled through, some form of highlighting must be used in order to



make the record that will be selected by pressing the select key noticeably different from records in the database list that will not be selected.);

(h) selecting a delivery destination option for a selected document using the data input capability of the data terminal by editing, if desired, a default delivery destination associated with the selected document via a data input application computer program resident on the data terminal (Rudolph: paragraph [0045], lines 1-7; Note that the delivery destination of each document can be changed to a location remote from the printer.); and

(i) providing a physical copy of the document to a printing device at the selected delivery destination (Rudolph: paragraph [0044], lines 1-8).

Rudolph does not explicitly disclose wherein the searchable document data base including searchable document records, each document record including searchable information fields containing document attributes. However, Numata discloses wherein the searchable document data base including searchable document records (Numata: paragraph [0005], lines 3-6), each document record including searchable information fields containing document attributes ((Numata: paragraph [0005], lines 6-10)).

It would have been obvious for one ordinary skill in the art at the time the invention was made to modify the teachings of Rudolph with the teachings of Numata noted above for the purpose of storing document information in a relational database (Numata: paragraph [0009], lines 1-7). The skilled artisan would have been motivated to improve the teachings of Rudolph per the above such that the relational database would allow for searches by document attribute information to be carried out at a high speed (Numata: paragraph [0009], lines 7-9).

**Claim 36:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, and Rudolph further discloses wherein the step (b) of providing a searchable document data base further comprises the step of providing a searchable document data base wherein at least a portion of the documents in the searchable document data base comprises merchant coupons (Rudolph: paragraph [0029], lines 3-6).

**Claim 37:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, and Rudolph further discloses wherein the identifying characteristic comprises at least a portion of the document contents (Rudolph: paragraph [0033], lines 7-9; A portion of the document contents is the document image (or graphic). And this reference shows that the document image is returned to the user on the hand-held device. The user can then identify the document based on the image.).

**Claim 38:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, and Rudolph further discloses wherein the step (f) of providing result indicia further comprises the step of providing result indicia comprising at least a partial image of each document (Rudolph: paragraph [0033], lines 5-9).

**Claim 39:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, and Rudolph further discloses wherein the step (i) of providing a physical copy of the document further comprises the step of providing a physical copy of the document to a printing device located remotely from the hand-held wireless data terminal (Rudolph: paragraph [0045], lines 1-7; Note specifically “transmit a selected data packet to a printer which is remote from the hand held unit”. The data packet is a coupon.).

**Claim 40:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, and Rudolph further discloses wherein the step (i) of providing a physical copy of the document further comprises the step of providing a physical copy of the document to a printing device associated with the hand-held wireless data terminal (Rudolph: paragraph [0028], lines 1-4 and Fig. 5).

4. Claims 15 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rudolph in view of Numata and further in view of U.S. Patent Application Publication Number 2002/0065713 issued to Faisal M. Awada et al. (hereinafter “Awada”).

**Claim 15:**

The combination of Rudolph and Numata discloses all the elements of claim 14, as noted above, but does not explicitly disclose wherein the hand-held wireless data terminal comprises a web browser enabled cellular telephone handset. However, Awada discloses wherein the hand-held wireless data terminal comprises a web browser enabled cellular telephone handset (Awada: paragraphs [0019], [0020], and [0021];

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Note especially that paragraph [0022] discloses using the mobile phone to access web pages on the display of the mobile phone. This requires the use of some kind of web browser.).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the previously mentioned combination with the teachings of Awada noted above for the purpose of using a mobile phone to access the internet using a web browser (Awada: paragraph [0022]). The skilled artisan would have been motivated to improve the previously mentioned combination per the above in order to create a method of delivering coupons over a network to consumer's cellular phone (Awada: paragraph [0008], lines 1-7).

**Claim 35:**

The combination of Rudolph and Numata discloses all the elements of claim 34, as noted above, but does not explicitly disclose wherein the step (a) of providing a hand-held wireless data terminal further comprises the step of providing a web browser enabled cellular telephone handset for use as a hand-held wireless data terminal. However, Awada discloses wherein the step (a) of providing a hand-held wireless data terminal further comprises the step of providing a web browser enabled cellular telephone handset for use as a hand-held wireless data terminal (Awada: paragraphs [0019], [0020], and [0021]; Note especially that paragraph [0022] discloses using the mobile phone to access web pages on the display of the mobile phone. This requires the use of some kind of web browser.).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the previously mentioned combination with the teachings of Awada noted above for the purpose of using a mobile phone to access the internet

using a web browser (Awada: paragraph [0022]). The skilled artisan would have been motivated to improve the previously mentioned combination per the above in order to create a method of delivering coupons over a network to consumer's cellular phone (Awada: paragraph [0008], lines 1-7).

**Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick A. Darno whose telephone number is (571) 272-0788. The examiner can normally be reached on Monday - Friday, 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on (571) 272-4023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PD



Patrick A. Darno  
Examiner  
Art Unit 2163

